

TITLE OF THE INVENTION

A SEMICONDUCTOR DEVICE WITH SHIELDING

ABSTRACT OF THE DISCLOSURE

Grooves are formed in a semiconductor substrate to provide  
5 a inner portion movable in x and y directions, drive electrodes to  
vibrates <sup>the</sup> the inner portion in <sup>the</sup> x direction, detection electrode for  
detecting movement in <sup>the</sup> y direction which is generated when an  
angular velocity is applied thereto, monitor electrodes for generating  
monitor signals for monitoring the movement in x direction. Shield  
10 wires are provided between the drive electrodes and the detection  
electrodes and the monitor electrodes to suppress the capacitive  
coupling. *Dummy Electrode*

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